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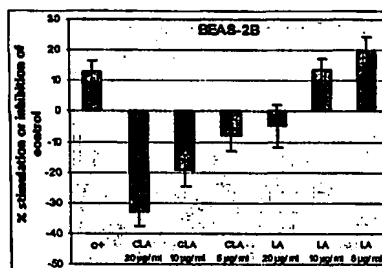
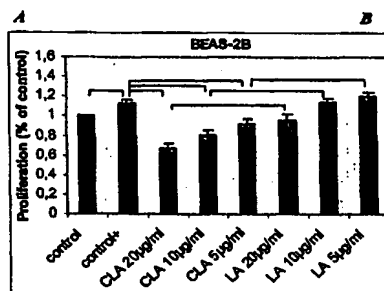
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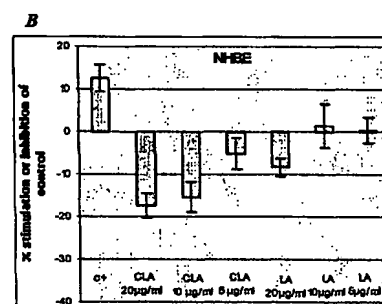
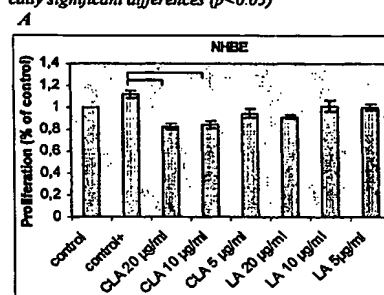
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(54) Title: **USE OF CIS-9, TRANS-11 ISOMER OF CONJUGATED LINOLEIC ACID (CLA) FOR TREATING INFLAMMATORY DISEASES**



A: Modulation of LPS/serum-stimulated BEAS-2B by cis-9,trans-11 CLA and LA. The cells were incubated with the fatty acids at increasing concentrations for 24 h. (A) shows relative cell numbers compared with the unstimulated control (= 1) (B) depicts relative stimulation or inhibition observed. Data are means  $\pm$  SEM of 6 independent experiments performed at different days ( $n = 6$ ). Connection of bars represents data with statistically significant differences ( $p < 0.05$ )



B: Modulation of LPS/serum-stimulated NHBE by cis-9,trans-11 CLA and LA. The cells were incubated with the fatty acids at increasing concentrations for 24 h. (A) shows relative cell numbers compared with the unstimulated control (= 1) (B) depicts relative stimulation or inhibition observed. Data are means  $\pm$  SEM of 6 independent experiments performed at different days ( $n = 6$ ). Connection of bars represents data with statistically significant differences ( $p < 0.05$ )

(57) Abstract: The use of the cis-9, trans-11 isomer of conjugated linoleic acid (CLA) is suggested for fights in inflammatory diseases.

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